epiSUMMARY

Manitoba Monthly Surveillance Report

December 2015

Reportable Diseases	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Date Cases		
Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2015	2014	Change
Enteries													
E. COLI-VEROTOXIGENIC	6	1	4.6 (1.7-10.0)	0.8 (0.0-4.3)	2	1	0	1	2	0	41	35	6
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	1	0	0	1	0	0	22	25	-3
GIARDIASIS	8	5	6.1 (2.6-12.1)	3.9 (1.3-9.1)	4	0	3	0	1	0	95	84	11
CAMPYLOBACTER	6	10	4.6 (1.7-10.0)	7.8 (3.7-14.3)	1	1	0	0	4	0	146	169	-23
SALMONELLOSIS	16	19	12.2 (7.0-19.9)	14.7 (8.9-23.0)	8	4	0	3	1	0	210	229	-19
VPD													
MUMPS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	12	0	12
H. INFLUENZAE (NON-SEROTYPE B)	7	0	5.4 (2.2-11.0)	0.0 (0.0-2.9)	4	0	2	0	1	0	34	7	27
PERTUSSIS	1	5	0.8 (0.0-4.3)	3.9 (1.3-9.1)	0	0	0	0	1	0	57	14	43
PNEUMOCOCCAL INVASIVE DISEASE	11	9	8.4 (4.2-15.1)	7.0 (3.2-13.3)	3	0	4	3	1	0	114	137	-23
Respiratory Diseases and TB													
TB - NON-RESP.	4	1	3.1 (0.8-7.8)	0.8 (0.0-4.3)	2	0	2	0	0	0	38	20	18
TB - RESP.	8	13	6.1 (2.6-12.1)	10.1 (5.4-17.2)	4	1	3	0	0	0	119	115	4
INFLUENZA A	4	183	3.1 (0.8-7.8)	142.0 (122.1-164.1)	2	1	0	0	1	0	676	1075	-399
EMD and Zoonotics													

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HANTA VIRUS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	0	2
ANAPLASMA PHAGOCYTOPHILUM	1	—	0.8 (0.0-4.3)	—	0	1	0	0	0	0	8	—	—
STBBI													
HIV	6	7	4.6 (1.7-10.0)	5.4 (2.2-11.2)	3	2	0	0	1	0	113	87	26
SYPHILIS (Sero-reactive)*	52	.....	39.8 (29.7-52.2)	.....	36	2	11	2	1	0	587	405	182
HEPATITIS C	25	25	19.1 (12.4-28.3)	19.4 (12.6-28.6)	14	3	2	4	2	0	387	349	38
GONORRHEA	99	79	75.8 (61.6-92.3)	61.3 (48.5-76.4)	66	9	19	2	3	0	1081	1105	-24
CHLAMYDIA	545	440	417.2 (382.9-453.7)*	341.4 (310.2-374.8)	294	46	115	50	38	2	6541	6284	257
OTHER DISEASES													
STREP. INVASIVE DISEASE (GROUP A)	21	11	16.1 (10.0-24.6)	8.5 (4.3-15.3)	8	4	4	5	0	0	212	114	98
CLOSTRIDIUM DIFFICILE	103	68	78.8 (64.4-95.6)	52.8 (41.0-66.9)	62	11	10	15	5	0	1094	881	213

Data extracted: February 16, 2016

Notes and Abbreviations

Notes:
1. 3-year-average cases / rate are defined as the average cases / rate reported in the same month over the previous three years.
2. Out-of-province cases are excluded.
3. The diseases where the current monthly rates are significantly higher than the previous 3-year average rates for the same month are highlighted yellow.
4. Syphilis: Due to improved testing and referral processes that took place in 2013, there was an observed increase in the number of records entered into the surveillance system. The data point shown in the table includes all reported Treponema serology-reactive individuals, however these may be infectious and non-infectious cases, as well as those requiring further public health follow-up to determine this status. These factors also make it difficult to draw a comparison to historical data, therefore statistical testing was not done.
5. Hepatitis B: This includes confirmed cases of acute infection only, where both surface antigen (HBsAG) and core antibody (Anti-HBc IgM) are positive.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

Abbreviations:

ARO	Antibiotic Resistant Organisms
CI	Confidence Interval
EMD	Environmentally Mediated Diseases
IERHA	Interlake-Eastern Regional Health Authority
NRHA	Northern Regional Health Authority
PMH	Prairie Mountain Health
RHA	Regional Health Authority
STBBI	Sexually Transmitted & Blood-Borne Infections
TB	Tuberculosis
VPD	Vaccine Preventable Diseases
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority